

Abstract of the Disclosure

Methods for processing print jobs in rendering devices include constructing display list objects for to-be-printed objects and determining if two or more sequential objects are combinable. If so, a masked indexed image replaces the objects and has
5 dimensions matching the overall bounding box size of the combinable objects. Indexed image values of the masked indexed image correspond to look up table entries, in turn, corresponding to color values of pixels of the combined object. In this manner, memory space is made available. Determining combinability of objects occurs by examining whether the objects are opaque, have regions as stencils, have similar color intensities,
10 have the same halftone screens, share comparably sized or proximate bounding boxes or for other reasons. Head and tail pointers delineate sequential objects on the display list. The masked indexed image can be uni- or multi-dimensional. Computer readable media and graphics engines in printers are preferred implementation structures.